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No. 47]

NEW DELHI, SATURDAY, NOVEMBER 20, 1971 (KARTIKA 29, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बंधित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE Patents and Designs

Calcutta, the 20th November, 1971

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 14th August, 1971, page No. 297 column 2, under the heading "Applications Accepted" against application No. 123675.

Insert And Femipari Kutato Intezet

after Metalimpex Acel- es Femkulkoreskedelmi Vallat

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

30th October 1971

- 133422. Mrs. Shanti Jain. Improvement in electric kettle.
- 133423. United States Gypsum Company. Process for extraction of phosphorus compounds.
- 133424. Sealed Air Corporation. Protective containers and methods of making the same.
- 133425. Dunlop Holdings Limited. Vulcanizable compositions. (12th November 1970).
- 133426. Process Evaluation and Development Corporation. Paper pulp digester blowdown method.
- 133427. Teena Corporation. Intrauterine device.
- 133428. Hamel G.m.b.H. Thread braking device for double strand yarn spindles.
- 133429. Danfoss A/S. Actuator.
- 133430. K. K. Xavier. A reinforced cement concrete shell type cottage.

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- 133431. K. K. Xavier. A fabricated structural steel mould for casting pre-stressed reinforced cement concrete cottages.

1st November 1971

- 133432. The Firestone Tire & Rubber Company. Method and apparatus for desolventizing elastomers.
- 133433. Dr. J. A. Zipper. Method for sterilizing reproductive organs.
- 133434. Imperial Chemical Industries Limited. Slurry explosives. (30th November 1970).
- 133435. R. K. Dandekar. Attachment for automatically indicating the end of a sheet while using a typewriter.
- 133436. Fernseh GMBH. System for testing video apparatus.
- 133437. Dayco Corporation. Loom Picker.
- 133438. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the oxacylation of olefins in the gaseous phase.
- 133439. Energy Sciences Incorporated. Sonic wave generation.
- 133440. Interstudio Henry Schwitters. Sitting and sleeping furniture unit.
- 133441. Veb Polygraph Leipzig Kombinat für polygraphische Maschinen und Ausrüstungen. Tensioning device for printing plates. (5th May 1971).
- 133442. Osoboe Konstruktorskoe Bjuro (OKB) Ministerstva Geologii SSSR. A borehole tool for logging units and, particularly, for use in conjunction with a X-Ray fluorescence analyser.

3rd November 1971

- 133443. Council of Scientific and Industrial Research. Improvement in or relating to zinc chromate primers.

133444. Council of Scientific and Industrial Research. A process for the manufacture of double sulphate of potassium and magnesium (Potassium schoenite) from mixed salt obtained from sea bittern.
133445. Union Carbide India Limited. Dispenser.
133446. Union Carbide India Limited. Writing instrument cum multiplier.
133447. Atlas Copco Atkiesbolag. A raise driving machine.
133448. Hindustan Lever Limited. Toothpaste composition. (6th November 1970).
133449. Hindustan Lever Limited. Colurant compositions for keratinous fibres. (6th November 1970).
133450. Hindustan Lever Limited. Toothpastes. (10th November 1970).
133451. Franz Plasser. Improvements relating to impact-type screw wrenches, particularly for the rail fastening screws of railway tracks.
133452. Franz Plasser. Improvements in or relating to mobile machine for feeding the individual components of rail fastenings of railway tracks.
133453. Franz Plasser. Improvements relating to devices for transporting rectangular articles, particularly railway sleepers.
133454. Franz Plasser. Improvements relating to mobile machine for picking up and carry away used rail fastenings or the like of railway tracks.
133455. J. F. Sazhin, E. Y. Timoshpolsky and V. N. Tsvetkov. Working equipment of a dragline excavator.
133456. Deutsche Gold-Und Silber-Scheldeanstalt Vormals Roessler. Process or manufacture of thienylalkan derivative compounds so prepared and compositions containing said compounds.
133457. S. N. Gupta. Apparatus for the manufacture of bangles. (Addition to No. 125247).
133458. British Insulated Callender's Cables Limited. An improved section insulator for use in overhead conductors of electric traction systems. (4th November 1970).
133459. Dunlop Holdings Limited. Pressure reducing device. (6th November 1970).
133460. Pfizer Corporation. Process for preparing 1-phenoxy-3-aryl piperazine-2-propanol derivatives. (10th November 1970).
133461. Uss Engineers and Consultants, Inc. Construction for connecting and aligning sections of a guide-roll rack.
133462. British Levland Truck & Bus Division Limited and Butech Limited. Electrical systems for vehicles. (11th November 1970).
133463. Murphy India Limited. The manufacture of a grill for decorative purposes.
133464. Murphy India Limited. The manufacture of a sound reproducing apparatus.
133465. N. K. Gupta. Improved method of riveting components such as wagon axle-box face plates, door cotters or the like.
133466. Zellweger Ltd. Heat-sensitive element.
133467. N. V. Organon. Novel alkyl-steroids.
133468. Nestle's Products Limited. Comminuting method and apparatus.
133469. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Plant-degradating enzyme, process for its manufacture and its use in digestive preparations.
133470. A. H. Robins Company, Incorporated. Anti-inflammatory agents coprecipitated with lignosulfonates.
133471. Unigate Limited. Improvements in and relating to electrode structures and electrodes therefrom for use in electrolytic cells or batteries. (Divisional date 20th February 1970).
133472. A. E. Staley Manufacturing Company. Texturized protein compositions useful as a meat analog ingredients.
133473. S. V. Patelkar. The unit to prepare the coffee or tea using the steam of milk cooker.
4th November 1971
133474. C. S. Raghveer. Dialock.
133475. S. L. Joshi. Voting and counting machine.
133476. Orissa Cement Limited. Refractory mortar and ramming mass.
133477. Girling Limited. Improvements in or relating to serve motors. (12th November 1970).
133478. Western Mining Corporation Limited. Improvements in the extraction of vanadium. (8th December 1970).
133479. Sherritt Gordon Mines Limited. Recovery and separation of nickel and cobalt from reduced laterite nickel ore. (29th December 1970).
133480. Industrial Machinery Manufacturers Private Limited. Clips for holding flutes used for broken ends suction collecting equipment.
133481. Gouri Sankar Bhattacharyya. Relating to instruments those work on rising and falling level of liquid in tanks and like appliances.
133482. Deere & Company. Process for finishing patterns and core boxes.
133483. R. A. Henry, Jr. Apparatus for finishing patterns and core boxes.
133484. E. Y. Timoshpolsky, B. L. Satovsky, V. N. Tsveikov and Y. A. Stankevich. Face-shovel excavator.
133485. E. Y. Timoshpolsky, B. I. Satovsky, I. E. Sazhin and V. N. Tsvetkov. Crowding rope gear of power shovel.
133486. R. N. Kher. Air cooler.
133487. R. N. Kher. Air cooler.
133488. Mrs. Raj Rani. A spectacle frame.
133489. (Mrs.) Sarita Sinha. An improved spectacle frame.
133490. B. W. Wiseman. Device for putting out oil well fires.
133491. Societa' Italiana Resine S.p.A. Multi-stage flash evaporator. (Addition to No. 126153).
133492. Ginter Corporation. Process for generating a dependably renewed store of a high enthalphy fluid and a combustion chamber therefor. (Divisional date 7th March 1970).
133493. N. V. Philips Gloeilampfabrieken. Arrangement for testing the conversion accuracy of a circuit constituted by an analog-to-digital convertor and a digital-to-analog convertor.
5th November 1971
133494. V. Thiagarajan. Sone separator.
133495. Koninklijke Nederlandsche Gist-En Spiritusfabriek N. V. Process for the preparation of amides. (6th November 1970).
133496. Joseph Lucas (Industries) Limited. Electric switches. (7th November 1970).
133497. Joseph Lucas (Industries) Limited. Electric switches. (10th November 1970).

133498. Farbwerk Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New daylight fluorescent pigments and process for preparing them.
133499. Metallgesellschaft Aktiengesellschaft. Process of producing sponge iron by a direct reduction using solid reducing agents in a rotary kiln.
133500. S. Montanari. Assembly type filing system comprising portfolios and filing cabinets therefor.
133501. McNeil Laboratories, Incorporated. Diazepinoides.
133502. Berhingwerke Aktiengesellschaft Marburg/Lahn. Process for isolating a fibrin-stabilizing factor.
133503. Berhingwerke Aktiengesellschaft Marburg/Lahn. Process for isolating a fibrin-stabilizing factor.
133504. Cardwell Westinghouse Company. Cushioning arrangement for railroad cars.
133505. Rachele Laboratories Italia S.p.A. Manufacture of 6-methylenetetraacyclines.
133506. Asturiana De Zinc, S. A. Improvements in or relating to process for recovering zinc from ferrites. (Addition to No. 101613).
133507. Alfa Farmaceutic S.p.A. Process for the preparation of semi-synthetic penicillins.
133508. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device having at least one insulated gate field effect transistor, and semiconductor device manufactured by using the method.
133509. Smt. Saroj Lata. Single phasing preventor for three phase induction motors.
133510. G. S. Thaker. Pilferproof seal type cork.

Alteration of Date

132194. Ante-dated to 16th June 1970 under Section 5 of the Act.
133155. Ante-dated to 11th February 1970 under Section 5 of the Act.
133156. Ante-dated to 11th February 1970 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allotted under Section 78-A of the Act.

125000. Sulzer Brothers Limited. Valve systems. Accepted on 25th October 1971.

Having a first valve and a second valve arranged to be connected in parallel and being adjustable independently of one another, in which each valve comprises a valve seat and a valve closure member, the seat for the second valve being formed in the valve closure member of the first valve.

125043. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble metal-containing disazo dyestuffs and process for their manufacture. Accepted on 28th October 1971.

Comprises a copper, cobalt or chromium complex compound of a monazo dyestuff which, in the form of the free acid, is coupled with the diazo compound of a diamine and reacting the metal complex disazo dyestuffs obtained with an amine.

125066. Manufacture Quenot "Mabo". Improvements in or relating to measuring tapes. Accepted on 30th October 1971.

Comprising casing having a flat lower face, a tape having graduation or both faces coiled in the casing and having a free end projecting from a slot adjacent at the lower face in a side of the casing, a window in said casing through which a portion of the graduation on the tape is visible, said visible portion being indicated by an index mark associated with the window.

125071. U. Singh. An intermediate frequency circuit or a bandpass filter adapted to be used in a video amplifier. Accepted on 30th October 1971.

Characterised in that the pentode has a gain not exceeding 6, and the transformer is a filler winding transformer.

125095. The Dunlop Company Limited. Improvements relating to magnetic support. Accepted on 29th October 1971.

Comprising a layer on the undersides of an article supported and layer on the top of the support surface, each layer having magnetizable material dispersed therein.

125172. RCA Corporation. Signal translating circuit. Accepted on 4th November 1971.

Having a first and second semiconductor amplifier device, a first resistive device with non-linear conductivity proportional to transconductance of first amplifier device, and a second resistive device with non-linear conductivity proportional to transconductance of second amplifier device.

125224. Marcona Corporation. Method and apparatus for the storage and pulping of mineral ores and comparable particulate matter. Accepted on 3rd November 1971.

Comprising progressively breaking up and pulping the mass of solids with water in a pulping zone, said pulping being carried out by directing jets of water into said zones.

125304. Ciba Limited. Azo dyestuffs, process for their manufacture, process for dyeing and printing synthetic fibres using them and synthetic fibres dyed or printed therewith. Accepted on 30th October, 1971.

Comprises coupling compound containing one coupling component with diazotised 3-halogeno-1, 2, 4-thiadiazolyl-5-amine.

125378. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble metal-complex disazo dyestuffs and process for preparing them and textile materials dyes or printed therewith. Accepted on 1st November 1971.

Comprising a diamino compound is tetrazotized and coupled with double the molar amount of a coupling component of the benzene, naphthalene, acetoacetylarylamide or pyrazolone series and the disazo dyestuff so obtained is converted into the 1:1—copper—, 1:2—chromium— or 1:2—cobalt—complex compound.

125510. G. E. B. Barstad. System for guiding aircrafts during landing. Accepted on 30th October 1971.

Characterised in that generating means comprises source of radiation located in one row and

along the middle of corridor and perpendicular to earth, combined with mass and beam.

125551. Pirelli Societa per Azioni. Method of manufacturing reinforcing structures to be used in particular as breaker structures of pneumatic tyres. (2nd March 1970). Accepted on 30th October 1971.

Includes building up an assembly of two cord fabric strips covered with unvulcanized rubber composition, with the cords inclined to medial line, causing the strips to adhere firmly, interposing a separating element between the strips, stretching the assembly lengthways from 20 to 200% and eliminating separating element after stretching.

125596. Institut National De Recherche Chimique Appliques (Ircha). Packing materials especially for biological filters for water. Accepted on 30th October 1971.

Comprising a plurality of units arranged in rows juxtaposed in substantially vertical alignment, each unit comprising a thin walled structure in the form of a cylinder having an internal cellular structure connected by fins.

125610. B. Askvold. Makeup compositions. (7th March 1969). Accepted on 30th October 1971.

Including a film forming base which is a low molecular weight hydrocarbon polymer with an admixture of a paraffin wax, a water-insoluble metal salt of a long chain fatty acid and a substantially volatile odourless solvent for the said base.

125641. The Lubrizol Corporation. Carboxy treated basic metal complexes for lubricating composition. Accepted on 4th November 1971.

Comprising a basic metal complex, a high molecular weight aliphatic carboxylic acid or anhydride having at least 25 aliphatic carbon atoms per carboxy group at a temperature of from about 25°C to the decomposition temperature of the process mass.

125750. Uniroyal, Inc. Improvements in method of stabilizing polyester textile reinforcement to a vulcanized rubber stock against heat and chemical degradation a laminate of stabilized polyester textile, and a pneumatic tire so processed. Accepted on 30th September 1971.

Characterised by adding to the stock prior to lamination with the textile and vulcanizing a deterioration preventing substance in desired quantities.

126024. Gosudarstvenny nauchno-issledovatel'skiy i proektny institut redkometallicheskoj promyshlennosti. Acidic oxohydroxo-1, 75-sulphatozirconates of sodium ammonium or sodium-ammonium and method of their production. Accepted on 3rd November 1971.

Comprises evaporating a solution containing Zr 1 mol, H_2SO_4 1-2-3 moles, and Na_2SO_4 or $(NH_4)_2SO_4$ or a mixture of Na_2SO_4 and $(NH_4)_2SO_4$ 0.3—1.4 moles till crystallization of the product.

126241. Sumitomo Chemical Company, Ltd. Method for producing concentrated nitric acid. Accepted on 3rd November 1971.

Comprising subjecting nitrogen peroxide, dilute nitric acid and air to reaction in a reaction zone under pressure of about 7 to 10 atmospheres at an elevated temperature from 45°C to 65°C at an excess air percentage, such as from 50 to 150% contacting vent-gas discharging from the reaction zone with feed dilute nitric acid, while contacting the resulting concentrated nitric acid with feed air and thereafter recycling unreacted nitrogen peroxide

side together with feed dilute nitric acid and the feed air to reaction zone.

126305. Ciba Limited. New azo pigments and process for their manufacture. Accepted on 22nd October 1971.

Comprises a carboxylic acid halide is condensed with an amine or a diazo or diazoamino compound of an aromatic amine is coupled with a coupling component.

126352. Zeecon Corporation. Novel quaternary alkylated aliphatic hydrocarbon amides and ester and derivatives thereof, process for their preparation and insecticidal composition containing the same. Accepted on 30th October 1971.

By comprising the alkylation of an α, β acetylenic ester or amide using an organo copper reagent in an organic solvent inert to the reaction.

126369. Joseph Lucas (Industries) Limited. Lighting systems for road vehicles. (27th June 1969). Accepted on 25th October 1971.

Includes means energising both rear flasher lamps as well as stop lamps, and means whereby operation of the direction indicator switch to energise the front direction indicator lamp on one side of the vehicle also energises the stop lamp on that side of the vehicle.

126376. Houilleres Du Bassin Du Nord Et Du Pas-De-Calais. Multi-storey building comprising unit compartments. Accepted on 27th October 1971.

Comprising ceiling and floor slabs, side walls bolted to each other and to the ceiling and floor slabs and breastsummers arranged over the top lower compartments to bear the load of the identical upper compartments.

126386. Ciba Limited. Process for their preparation and pesticidal preparations containing the same. Accepted on 27th October 1971.

Reacting an appropriately substituted phenol with methyl isocyanate or dimethyl carbamic acid chloride.

126485. Spirafite Ltd. Improvements in or relating to the working of strip metal. (5th May 1969). Accepted on 29th October 1971.

The process comprises winding a strip of metal edgewise into a closed-packed helical coil; profiling the strip to compensate for the distortion which takes place during winding and cutting the helical coil to separate the individual turns.

126529. Aktieselskabet Dansk Svovlsyre Og Superphosphat Fabrik. Method and plant for effecting mass transfer processes. (9th May 1969). Accepted on 4th November 1971.

Passing electrolyte through part of fixed bed of ions exchanger in a loop circuit with a stepwise movement of inlet and outlet places for electrolyte, replacing electrolyte an exhausted zone by a stripping liquid.

126530. Pains-Wessex Limited. Improvements in and relating to pyrotechnic signal devices. (13th May 1969). Accepted on 4th November 1971.

Comprising a casing with an open end, signal composition therein means for igniting same and plug means between the signal composition and open end of casing, permitting escape of combustion products or expelling or consumption by them, and at least a portion of the plug means being compressible.

126781. Indrajit Dey and Philip Fletcher Reynolds. An electromechanical device for preparing hot tea coffee or like beverages. Accepted on 4th November 1971.

Consisting of a kettle with a heater operated and inoperated by a first and second switch means

resp. a container on a load sensitive means connected to the kettle and adapted to operate the second switch when a predetermined amount of the beverage accumulates and an alarm time switch to activate the first switch.

126800. Snam Progetti S.p.A. Process for the production of pellets of urea having a low biuret content. Accepted on 4th November 1971.

Characterised melting portion of urea crystals, suspending other portion therein and pelletizing the suspension.

1268448. Fabbrica Italiana Magneti Marelli S.p.A. A frame for electric low capacity motors, provided with covers retained by small, deformable wings. Accepted on 30th October 1971.

Characterised in that the edge of envelope has openings side wall associated with slits forming deformable small wings engageable with small tongues projecting out of covers for clamping.

126961. Montecatini Edison S.p.A. Thermoplastic polymeric compositions for use in power cable insulation, having high thermo-mechanical properties. Accepted on 4th November 1971.

Composition containing a polymeric material which is a polymer and/or copolymer of vinyl chloride having a syndiotaxia index higher than 1.8, an intrinsic viscosity of 50 to 200 ml/g. with a glass transition temperature higher than 80°C.

127277. Prerovske Strojirny, Narodni Podnik. Apparatus for the preheating of pulverulent materials. Accepted on 30th October 1971.

Characterised in that the diameter of cylindrical conduit for gases to be introduced into the cyclones is smaller than the diameter of the top opening of the vertical shaft, a cone member being connected between the opening of shaft and cylindrical conduit and an inlet conduit for the charging of materials into shaft being provided in cylindrical conduit and having a shattering plate.

127298. M. C. Presnick. Wall section for a collapsible cargo container. Accepted on 4th November 1971.

Comprises a shut of durable paneling material, frame means supporting and stiffening said material, said frame means including a plurality of universal, hermaphroditic, tubular frame rails, corner connectors joining said rails.

127311. R. G. DePenning. Electroded development device. Accepted on 4th November 1971.

Comprising biased electrode positioned spaced in relation to the image retaining member, means to produce a flow of developed material between the two, a series of pins supported by the electrode perpendicularly, and means to oscillate the electrode with the pins.

127357. USS Engineers and Consultants, Inc. Can stock with differential protective coatings. Accepted on 29th October 1971.

Characterised by that the differential tinplate having a differential trivalent chromium oxide coating thereon sufficient to provide from 1.00 to 1.50 mg of chromium per square foot on the heavily tinned side and from 0.40 to 0.80 mg of chromium per square foot on the lightly tinned side.

127598. Sekisui Kaseihin Kogyo Kabushiki Kaisha. Synthetic wood and a method for preparation thereof. Accepted on 1st November 1971.

Strands are extruded from a polymer and giving each of said strands higher density outer surface.

127617. Chief Controller of Research & Development, Ministry of Defence, Government of India, New Delhi, India. Aquakit, a device for determining

the presence of suspended free water in aviation turbine fuels. Accepted on 3rd November 1971.

Comprises a holder adapted to hold a filter ; on which is applied a mixture of ferrous ammonium sulphate and potassium ferricyanide.

127621. FMS Corporation. Butterfly valve seat. Accepted on 1st November 1971.

Comprising an annular seat having inner and outer surfaces, sealing flanges, inner and outer surfaces having diametrically opposed flat portion, seat retainer means bonded to outer surface of the seat with inwardly converging sides.

127740. International Standard Electric Corporation. Switching network and method for extending a switching network. Accepted on 29th October 1971.

Characterised in that at least one of switching arrays includes plurality of subarrays providing at least one path between first and second terminals, input of first switch connected to output of homologous switch stage by means of second switches.

128008. Tea Research Association. Improved tea processing machine with cutting mechanism. Accepted on 27th October 1971.

Comprising at least one fixed cutter plate having openings, one rotatable cutter plate having openings, latter rotating in surface contact with fixed one.

128054. The Marley Company. Hyperbolic cross flow cooling tower with basins and fill integrated into shell. Accepted on 29th October 1971.

Comprising upright natural draft shell with an inlet and outlet, a cold water basin, hot water distribution means within shell above basin, fill assembly structure between hot distribution means and basin.

128121. N. V. Hollandse Metallurgische Industrie Billiton. Method for the preparation of vanadium carbonyl and/or vanadium nitride. Accepted on 1st November 1971.

Comprises converting vanadium oxide at high temperature by passing successively or wholly or partly simultaneously gaseous hydrocarbon, and nitrogen and/or ammonia.

128345. Gould Inc. Method of making electrical connections through battery walls. Accepted on 30th October 1971.

Comprising the steps of forming an opening through wall positioning construction connectors so that extension shaped portion of first conductor will pass through said opening and hole of second conductor, coating with suitable binder, deforming said extension, fused conductors through heat.

128392. Monsanto Company. Gastropodocidal compositions comprising nitrosalicylanilide derivatives and sodium pentachlorophenate. Accepted on 4th November 1971.

Comprising a mixture on a molecular weight basis 0.092 to 0.112 moles of a 3-substituted-2,5-dichloro-4'-nitrosalicylanilide, wherein R is selected from the group consisting of phenyl, 4-chlorophenyl, tert-butyl and tert-pentyl, per mole of sodium pentachlorophenate.

128461. Pullman Incorporated. Urea synthesis process. Accepted on 29th October 1971.

Comprising (a) pressurizing a portion of the fresh ammonia feed to reaction pressure, (b) passing unpressurized fresh ammonia feed under a pressure of between 0 p.s.i.g. and about 20 p.s.i.g. to a heat exchange zone as liquid coolant, (c) passing gaseous carbon dioxide feed under a pressure not in excess of 500 p.s.i.g. and condensing the carbon dioxide at temperature —35°F

and $\pm 10^\circ\text{F}$ with ammonia coolant. (d) passing resulting CO_2 -condensate to a liquid pump, (e) introducing resulting high pressure liquid carbon dioxide into the urea synthesis zone.

128506. Hindustan Lever Limited. Preparation of glyceryl esters. Accepted on 5th November 1971.

Process for the preparation of a tri- C_8C_1 ester of glycerol comprising esterifying glycerol with a C_8C_1 carboxylic acid in the presence of a solvent and 0.5-5% acid type catalyst by weight of the esterifying reactants.

128594. Rowe International, Inc. Bulk milk dispensing system. Accepted on 30th October 1971.

Comprising storage means for supplying liquid, vending means for dispensing measured liquid, means for recirculating said liquid between storage and vending means.

128627. The Dunlop Company Limited. Braking systems. (27th September 1969). [Addition to No. 119894]. Accepted on 29th October 1971.

Comprises a self-servo device comprising an input chamber formed in the housing and having connection to a source of input fluid pressure, a thrust member located in the housing and slidable within a pressure chamber connected to a fluid pressure operated brake-actuating mechanism, a balance member and a valve associated therewith.

128742. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Thermoplastic compositions on the basis of polyesters for injection moulding purposes and a process for preparing them. Accepted on 29th October 1971.

Comprising adding to the melt, inert inorganic solid substance and a diepoxide.

128777. Dynamit Nobel Aktiengesellschaft. Light stabilised polyamides composition. Accepted on 1st November 1971.

An amorphous polyamide composition containing a C^3 to C^8 lactone as a light stabiliser.

128851. Societe Fives Lille-Cail. Liquid distributor for descending-flow evaporator. Accepted on 4th November 1971.

One row of inclined plates arranged in imbricated fashion on an upper tube plate so as to cover the entire surface of the plate having a horizontal channel at its lower end and a distributing trough above the plate.

128905. Swiss Aluminium Ltd. Crust breaker. Accepted on 1st November 1971.

A movable support to which one end of a horizontal impact beam is hinged, a tool assembly which is hinged to the other end, drive means coupled between the movable support and the impact beam, to drive the tool repeatedly into the slug crust in use.

128983. N. S. Pochkhannawala. Improvements in or relating to shoe racks and the like. Accepted on 1st November 1971.

Characterised in that series of panels forming shelves for shoe rack suspended by cords from rectangular shaped frame with two hooks for suspending shoe rack.

129287. Cassella Farbwerke Mainkur Aktiengesellschaft. Water-insoluble monoazo dyes, process for their preparation and textile materials dyed therewith. Accepted on 4th November 1971.

Diazo compound obtained from 2-cyano-4, 6-dinitraniline is coupled with *N*-thyl-*N*-alkyl-*m*-acetaminophen.

129383. Österreichisch-Amerikanische Magnesit Aktiengesellschaft. Process of dressing magnesium compounds. Accepted on 29th October 1971.

Comprising the starting material is optionally subjected to a causticizing calcination at temperatures upto about 800°C and is slurried in water and in the first process step is subjected to the action of hydrogen chloride, whereafter hydroxide of iron or hydroxide of aluminium or Fe_2O_3 and Al_2O_3 are precipitated, preferably with the aid of active MgO , then the magnesium chloride present in the remaining solution is transformed into MgO and hydrogen chloride and is recycled into the first process step.

129449. A. M. Mathew. Improvement in or relating to the mounting of printing blocks. Accepted on 1st November 1971.

Comprising metal base having two concave sides, the printing block being fixed over metal base by suitable adhesive.

129479. Siemens Aktiengesellschaft. Improvements in or relating to type-printing mechanisms. (13th October 1970). Accepted on 1st November 1971.

Characterised in that common elastic retainer member is an endless wire or strips of weldable plastic element of the polyurethane clarimer group.

129632. N. Jain. Geometrical compass or divider. Accepted on 3rd November 1971.

The first and seconds are made of plastic material and the pin projecting from the free end of the second arm extends along at least half the length of the second arm.

129777. Cassella Farbwerke Mainkur Aktiengesellschaft. Waterinsoluble monoazo dyes. Accepted on 30th October 1971.

Comprises coupling a diazotized amine with 2, 6-dihydroxy-3-cyano-4-methyl pyridine.

129791. Cabot Corporation and Ciba-Geigy AG. Paper products. Accepted on 1st November 1971.

Comprising a paper pulp and as a pigmentary filler an insoluble, infusible, non-porous, particulate urea-formaldehyde polymer.

129880. Uss Engineers and Consultants, Inc. Apparatus for introducing gas to hot metal in a bottom-pour vessels. Accepted on 15th October 1971.

Comprising vertical gas passage having an outlet for supply of gas through nozzles, said passage being within a gate of a closure mechanism to control teeming through a nozzle in the bottom of the vessel.

129914. Mitsui Toatsu Chemicals, Incorporated. Process for the production of shaped urea. Accepted on 5th November 1971.

Comprises compressing crystalline urea at a temperature from 50°C to 132°C and below the melting point of said urea under a pressure of at least 2 kg./cm^2 gauge to form said shapes.

129963. Amsted Industries Incorporated. Auxiliary anti-creep protection for railroad couplers with support shelf. Accepted on 30th October 1971.

The throat of the coupler provided with an opening in proximity to lock lift assembly, the upper portion of the opening forming a ledge to provide an area sufficient for engagement of the auxiliary anti-creep prong of the rotary lock lift assembly.

129977. S. C. Parikh. A one-piece clamp device for filling punched papers. Accepted on 1st November 1971.

Comprising two identical inclined panels each end in a longitudinal panel, inclined panels being disposed symmetrically along a straight channel, two pairs of tubular and pin projection from longitudinal panels to fit with each other when clamped.

130013. Nauchno-Issledovatel'skiy Institut Khimicheskikh Istokov Toka. Method of manufacturing electrode groups of alkaline accumulators. Accepted on 4th November 1971.

Making perforated bottom and locating holes in a steel band, cutting the band into plates, pressing active masses of opposite polarities into the plates, slipping the latter on unlike contact pins and simultaneously placing insulated spacers between plates of opposite polarities and rigidly fixing them together.

130025. Vsesojuzny Nauchno-Issledovatel'skiy Institut Elektromekhnicheskogo Oborudovaniya. Electric arc furnace for melting metal. Accepted on 30th October 1971.

Comprising a casing lined with a refractory material supported by support arrangements which are mounted on a cradle and incorporating the weight responsive means of a weighing apparatus.

130094. L. Danieli. A diffuser device for introducing a protective gas into continuous casting ingot moulds. Accepted on 30th October 1971.

From the periphery of an axial hole entered by a casting, a protective gas is homogeneously and continuously supplied so as to form an envelope occupying the space between the ingot mould head and tundish bottom.

130838. Joseph Lucas (Industries) Limited. Electrical switches. (2nd May 1970). Accepted on 30th October 1971.

Including an operating member movable in a body to operate a first and second set of electrical contacts and a first and second resilient member urging the operating member to move from a second through a first to an off position and from the second to the first position respectively.

132194. Imperial Chemical Industries Limited. Apparatus for drawing or orienting filaments of a synthetic linear thermoplastic polymer (9th February 1970). [Addition to No. 127100]. [Divisional date 16th June 1970]. Accepted on 3rd November 1971.

Comprising means for bringing a filament or yarn under tension a narrow jet supplied with a heated gaseous fluid and at least one snubbing means of arcuate form.

133155. Marcona Corporation. A method and apparatus for repulping and removing settled solids. Accepted on 3rd November 1971.

Characterised by directing high velocity liquid stream into solids at a level immediately above said bottom, simultaneously withdrawing reformed slurry through the bottom.

133156. Marcona Corporation. A slurry carrier for transportation. [Divisional date 11th February 1970]. Accepted on 3rd November 1971.

Comprising a ship having bulkheads and an inner bottom, at least one discharge sump formed below said inner bottom and having a bottom wall and sidewalls, a grating covering said sump, means for forming a high energy water jet disposed immediately above said grating and discharge piping connected through one wall of said sump.

Opposition Proceedings

The opposition entered by Mrs. Chandrika Natverlal Kinariwala and others of M/s. Kinariwala Dychem Industries to the grant of a patent on application No. 111091 made by Ciba Limited, as notified in Part III, Section 2 of the Gazette of India dated the 11th September 1971 has been treated as abandoned.

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Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Sumitomo Chemical Company Ltd., of 15, Kitahama-5-chome, Higashi-ku, Osaka, Japan, a corporation organised under the laws of Japan, seek leave to amend the claims in the specification of patent application No. 124044 (Title:—Novel imidazolidinedione derivatives). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that National-Standard Company, a Delaware Corporation doing business at Niles, Michigan 49120, United States of America, seek leave to amend the claims in the specification of patent application No. 126101. (Title:—Metal bonding). Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

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Restoration Proceedings

(1)

Notice is hereby given that an application has been made for Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent :—

No. 82215—Gajjar Watch Company.

Title : "Improvements in or relating to duplicating machine".

The patent ceased on the 14th May 1971, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 9th October 1971. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 1st January 1972.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act 1911 for the restoration of following patents :—

No. 102576—Rajiv Kumar Misra.

Title : "Automatic machine for filling of road cracks with pitch".

The patent ceased on the 19th November 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 9th October 1971. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 1st January 1972.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 7-A of the Act.

Class 1. No. 138482. Tiger Products Private Ltd., Marris Road, Aligarh (U.P.), India, An Indian Company, "A padlock", March 9, 1971.

Class 1. No. 138490. Naba Kumar Routh, an Indian National, 78, Netaji Subash Road, Calcutta-7, West Bengal, India, "Fuel chamber for oven for cooking purpose", March 16, 1971.

Class 1. No. 138639. M/s. Preswel Industries, Plot No. 10-A, Gandhi Chowk, Faridabad, Haryana, Indian Partnership concern, "Hydraulic press", April 26, 1971.

Class 1. No. 138706. Oriental Metal Industries, 4932 Bara Tooti, Sadar Bazar, Delhi-6, an Indian Partnership Concern, "Toy", May 21, 1971.

Class 1. No. 138707. A. M. Toys Industries, 1493/94 Gali Chule Wali, Sadar Bazar, Delhi-6, an Indian Proprietary concern, "Toy", May 21, 1971.

Class 1. Nos. 138715 and 138716, Inder Optical Industries, Inside Gilwali Gate, Amritsar, Punjab, an Indian Partnership firm, "Spectacle frame", May 27, 1971.

Class 1. No. 138743. J. T. Jagtiani, (an Indian Proprietary firm), National House, 6, Tulloch Road, Apollo Bunder, Bombay-1, (Maharashtra), "Spatula", June 5, 1971.

Class 1. No. 138659, Polar Auto & Engineering Industries Private Limited, 33/1, Rajinder Nagar, New Delhi, (India), An Indian Company, "A fan", May 5, 1971.

Class 3. No. 138661, Johnson Plastics (an Indian Partnership Firm), 16, Apollo Street, 4th floor, Sir Vithaldas Chambers, Fort, Bombay-1, (Maharashtra), "Squeezer key", May 7, 1971.

Class 3. No. 138711. Nand Kumar Jain, Proprietor of Jainson Rubber, 34-Sports Colony, Suraj Kund, Meerut City, (U.P.), (India), Indian National, "A valve for football bladder", May 24, 1971.

Class 3. Nos. 138759 and 138760. Swan (India) Private Limited (A company registered under the Indian Companies Act), Advani Chambers, P. Mehta Road, Bombay-1, (Maharashtra), "Ball Pen", June 22, 1971.

Class 3. No. 138769. Colgate-Palmolive Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, 300 Park Avenue, New York, New York 10022, United States of America, "A dispensing closure", June 28, 1971.

Class 3. No. 138774. Pankaj Plastic Industries, (an Indian Proprietorship firm), Kapadia Building, 1st floor, 142, Mody Street, Bombay-1 (Maharashtra), "Penstand", June 29, 1971.

Class 3. No. 138776. Devas Plastic, (an Indian Proprietary firm), 113, Dhanji Street, Bombay-3, (Maharashtra), "Colander", June 29, 1971.

Class 3. No. 138777. Devas Plastic, (an Indian Proprietary firm), 113, Dhanji Street, Bombay-3, (Maharashtra), "Rice strainer", June 29, 1971.

Class 3. No. 138850. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole to footwear", July 26, 1971.

Class 3. No. 138865. Asian Advertisers, (an Indian Partnership Firm), 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-4, (Maharashtra), "Table mat", July 28, 1971.

Class 3. No. 138866. Asian Advertisers, (an Indian Partnership Firm), 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-4 (Maharashtra), "Calendar-cum-penstand", July 28, 1971.

Class 5. No. 138540. Lakme Limited, Bombay House, Bruce Street, Bombay-1, Maharashtra, India, an Indian Company, "A carton", March 27, 1971.

Class 5. No. 138541. Lakme Limited, Bombay House, Bruce Street, Bombay-1, Maharashtra, India, an Indian Company, "A container", March 27, 1971.

Class 10. No. 138741. Geel Plastico Private Limited, an Indian Company, 2, Industrial Area, Kirti Nagar, New Delhi-15, India, "Footwears", June 5, 1971.

Class 11. Nos. 138647 and 138648. Compzet N. V., a company organised under the laws of the Netherlands, 16, Paulus Potterstraat, Amsterdam 21, Holland, The Netherlands, "A pair of inflatable shorts", January 12, 1971, (U.K.).

Class 12. No. 138585. Darban Halder, an Indian National, Dardan Halder & Co., 3832, Nai Basti, Bara Hindu Rao, Delhi-6, "Baby cradle", April 5, 1971.

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